

LEGEND:

DESIGN CONTOURS MAJOR
DESIGN CONTOURS MINOR
SURVEYED CONTOURS MAJOR
SURVEYED CONTOURS MINOR

LEGEND

LIMITS OF SURVEY	
COURT YARD AREA	CY
SOUTHERN AREA	SA
SHEET PILE WALL	SPW
EXISTING GRADE	XG
SUB-GRADE	SG
FINAL GRADE	FG
WATER SURFACE ELEVATION	WSE

REFERENCE PLANS

- PLANS ENTITLED "UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION 3, REVISED REMEDIAL DESIGN, METAL BANK SITE, PHILADELPHIA, PENNSYLVANIA" SHEETS 1 THRU 49, PREPARED BY: AMEC EARTH & ENVIRONMENTAL, INC., PLYMOUTH MEETING, PA, DATED: 11/09/2007 & 4/04/2008.
- PLAN ENTITLED "HYDROGRAPHIC SURVEY, METAL BANK NPL SITE, PRE-EXCAVATION SURVEY, SITUATED IN CITY OF PHILADELPHIA, PHILADELPHIA COUNTY, PENNSYLVANIA", PREPARED BY: LGA ENGINEERING, INC., LAKEWOOD, NJ, DATED: 9/08/2008.

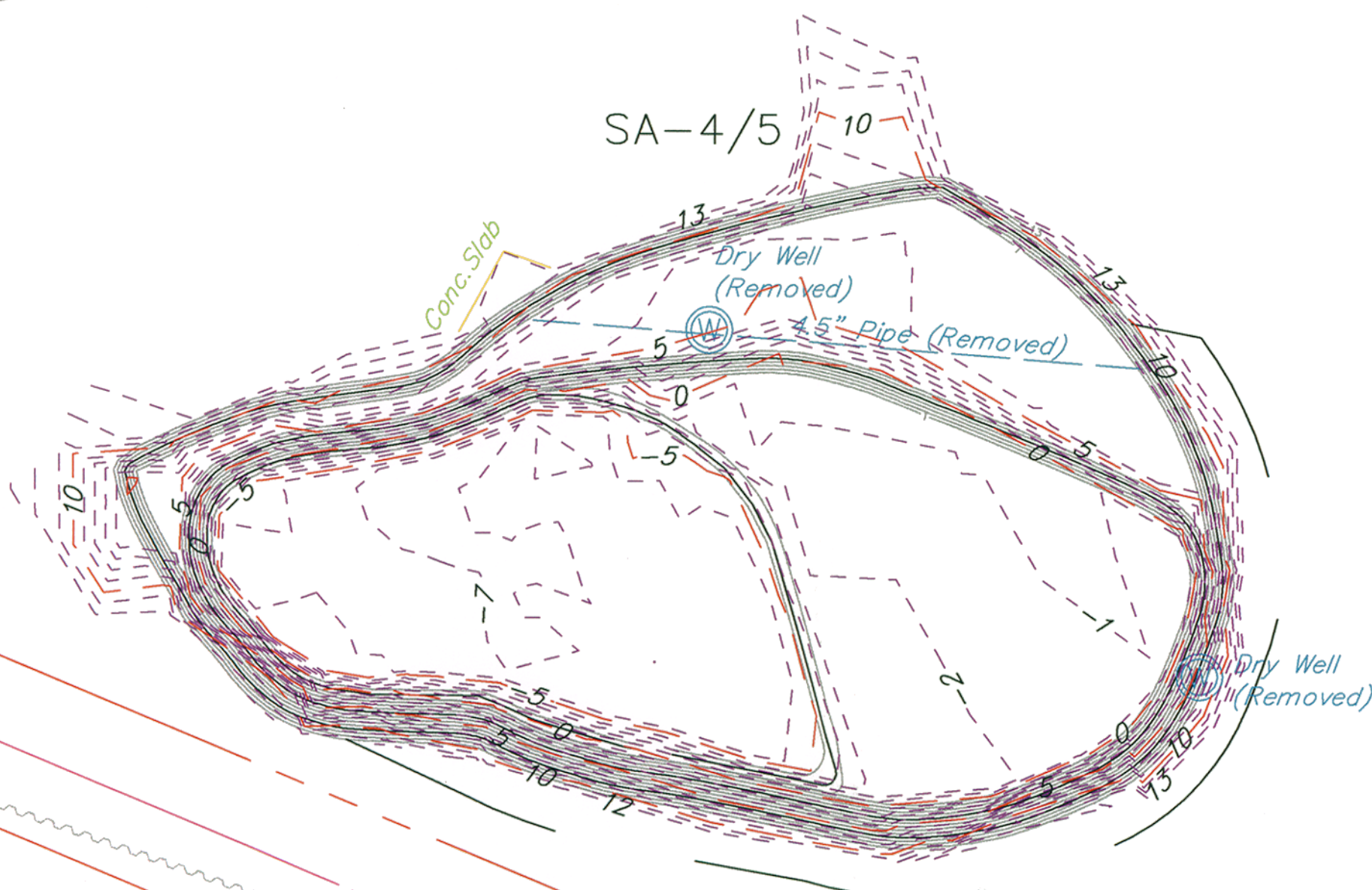
GENERAL NOTES

- PROJECT COORDINATE SYSTEM
HORIZONTAL: PENNSYLVANIA STATE PLANE COORDINATE SYSTEM (SPCS) NORTH AMERICAN DATUM 1983 (NAD 83).
VERTICAL: NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88).
- RETTEW ASSOCIATES TIED INTO EXISTING CONTROL PROVIDED BY THE CLIENT AND PERFORMED A TOPOGRAPHIC SURVEY OF EXISTING CONDITIONS AS STATED BELOW.
- HISTORY OF FIELD WORK:
7/10/08 STAKE CY-1 & CY-2; STAKE SA-4/5
7/14/08 TOPO XG CY-1 & CY-2; TOPO XG SA-4/5
7/17/08 STAKE SA-2 & SA-3
7/24/08 TOPO XG SA-2 & SA-3
8/13/08 TOPO SG CY-1 & PORTION OF CY-2
8/15/08 TOPO SG SA-2
8/20/08 TOPO SG SA-3 & SPW
8/22/08 QA/QC SPW
8/27/08 TOPO SA-2 BOTTOM
9/05/08 STAKE SPW
9/10/08 TOPO STOCKPILES
9/15/08 RE-TOPO SG SA-3
10/03/08 RE-STAKE SA-2
10/13/08 RE-TOPO SG SA-2
10/14/08 TOPO SPW AREA
10/17/08 TOPO BATHYMETRIC AREA NEAR SPW
11/03/08 RE-TOPO XG SA-4/5
11/13/08 TOPO SG SA-4/5 & ADDITIONAL SPW LOCATIONS
11/26/08 STAKE E-7 & DEADMAN
12/01/08 RE-TOPO SG SA-4/5
12/09/08 RE-TOPO SG SA-4/5
12/17/08 RE-TOPO SG SA-4/5



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SURVEYED CONTOURS MINOR
DRY WELL



CERTIFICATION STATEMENT

BY THIS SUBMITTAL, I HEREBY REPRESENT THAT I HAVE DETERMINED AND VERIFIED ALL FIELD MEASUREMENTS, FIELD CONSTRUCTION CRITERIA, MATERIALS, DIMENSIONS, CATALOG NUMBERS AND SIMILAR DATA AND I HAVE CHECKED AND COORDINATED EACH ITEM WITH OTHER APPLICABLE APPROVED SHOP DRAWINGS AND CONTRACT REQUIREMENTS.

DAVID L. JENSEN, PLS NO. SU075123, FOR RETTEW ASSOCIATES, INC.

CLIENT
Tetra Tech EC, Inc.
1000 The American Rd.
Morris Plains, NJ 07950

RETTEW
RETTEW Associates, Inc.
223 Windgate Drive, Chester Springs, PA 19425
Phone (610) 458-7000 • Fax (610) 458-3273
Email: rettew@rettew.com
Website: www.rettew.com
Engineers • Planners • Surveyors • Landscape Architects
Environmental Consultants

TOPOGRAPHIC SURVEY
SUB-GRADE
AFTER EXCAVATION
METAL BANK NPL SITE
PHASE
PHILADELPHIA
PENNSYLVANIA

DATE: 8/05/2008

SHEET NO. 4 OF 9

DWG. NO. 08-01987-002

FOR RETTEW ASSOCIATES BY:

MANAGER: DLJ
DESIGN BY: CHKD BY:
SURV. CHIEF: MBS
DATA COLLECTOR: JDC
DRAWN BY: JDC
CHECKED BY: JDC

XREFS:

DRAWING REFERENCE:
Q:\VA\08-01987-002\08-01987-002-08.dwg

SCALE
1" = 30'
0 15' 30' 60' 90'

RETTEW ASSOCIATES, INC.
223 WINDGATE DRIVE, CHESTER SPRINGS, PA 19425
PHONE (610) 458-7000 • FAX (610) 458-3273
EMAIL: RETTEW@RETTEW.COM
WEBSITE: WWW.RETTEW.COM
ENGINEERS • PLANNERS • SURVEYORS • LANDSCAPE ARCHITECTS
ENVIRONMENTAL CONSULTANTS

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